

Traffic Council

Thursday, June 19, 2008

Agenda

- 1. Requesting a study on Waverley Ave to improve safety
 - # TC 25-08 (475-04)
- 2. Requesting to reinstate a HP space on Albemarle road
 - # TC 12-08 (HP16.2)
- 3. Requesting to add more HP spaces on Albemarle Road in front of the Gazebo
 - # TC 13-08 (HP16.3)
- 4. Requesting modifications of NNHS parking during the months of Dec. - March
 - # TC 27-08
- 5. Requesting No left turns from Beacon Street to Beethoven St during school pick up/drop off
 - # TC 38-08
- 6. Requesting to extend or move the blue zone in front of Zervas School
 - # TC 39-08
- 7. Requesting a discussion on parking at the corner of Marshall St and Sumner St
 - # TC 30-08
- 8. Requesting a discussion of temporary traffic calming on Glen Ave during Langley bridge construction
 - # TC 44-08

1. Waverley Avenue (Washington St - Ward St)

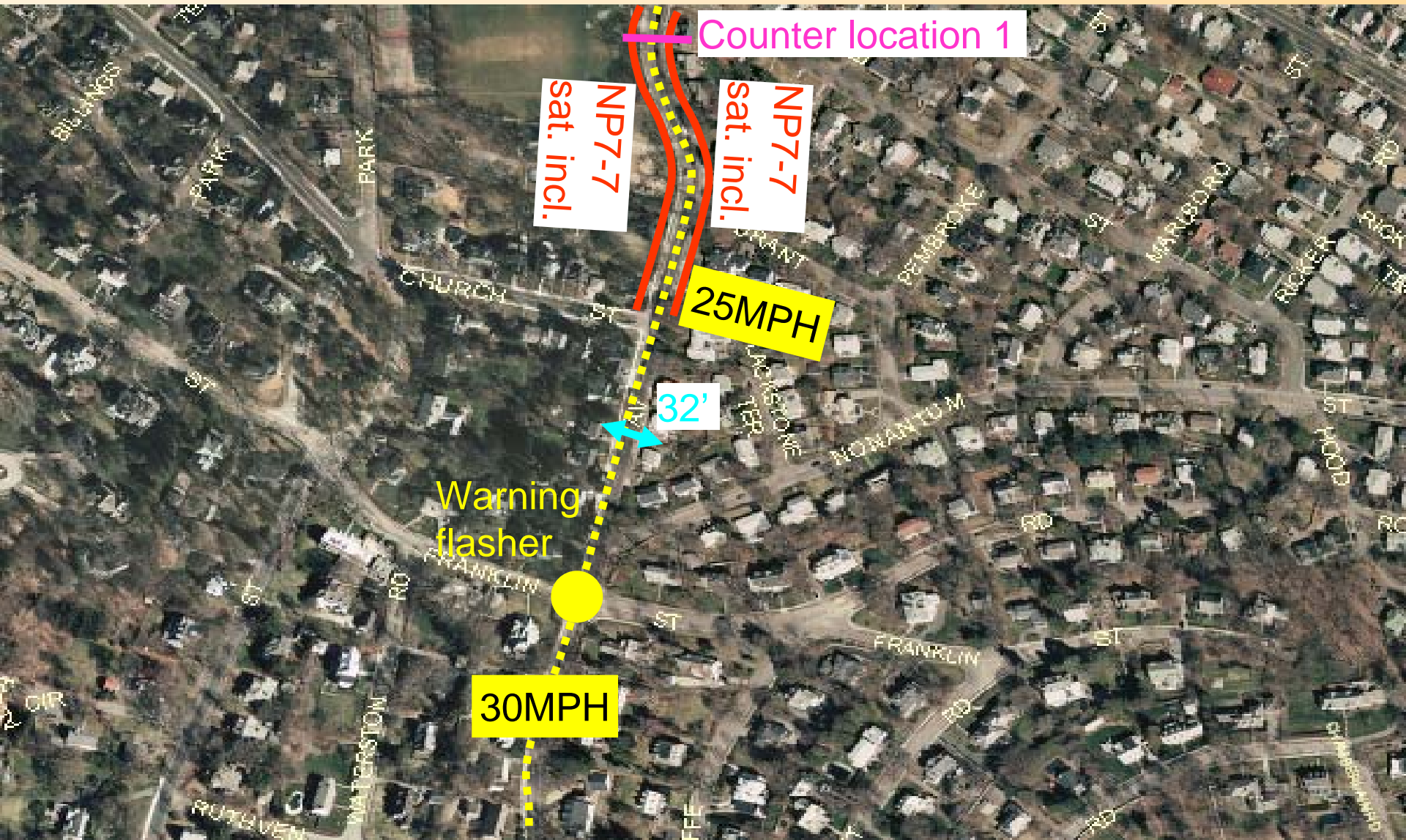
TC 25-08 (475-04)

Traffic study/analysis

Waverley Ave (1/4)



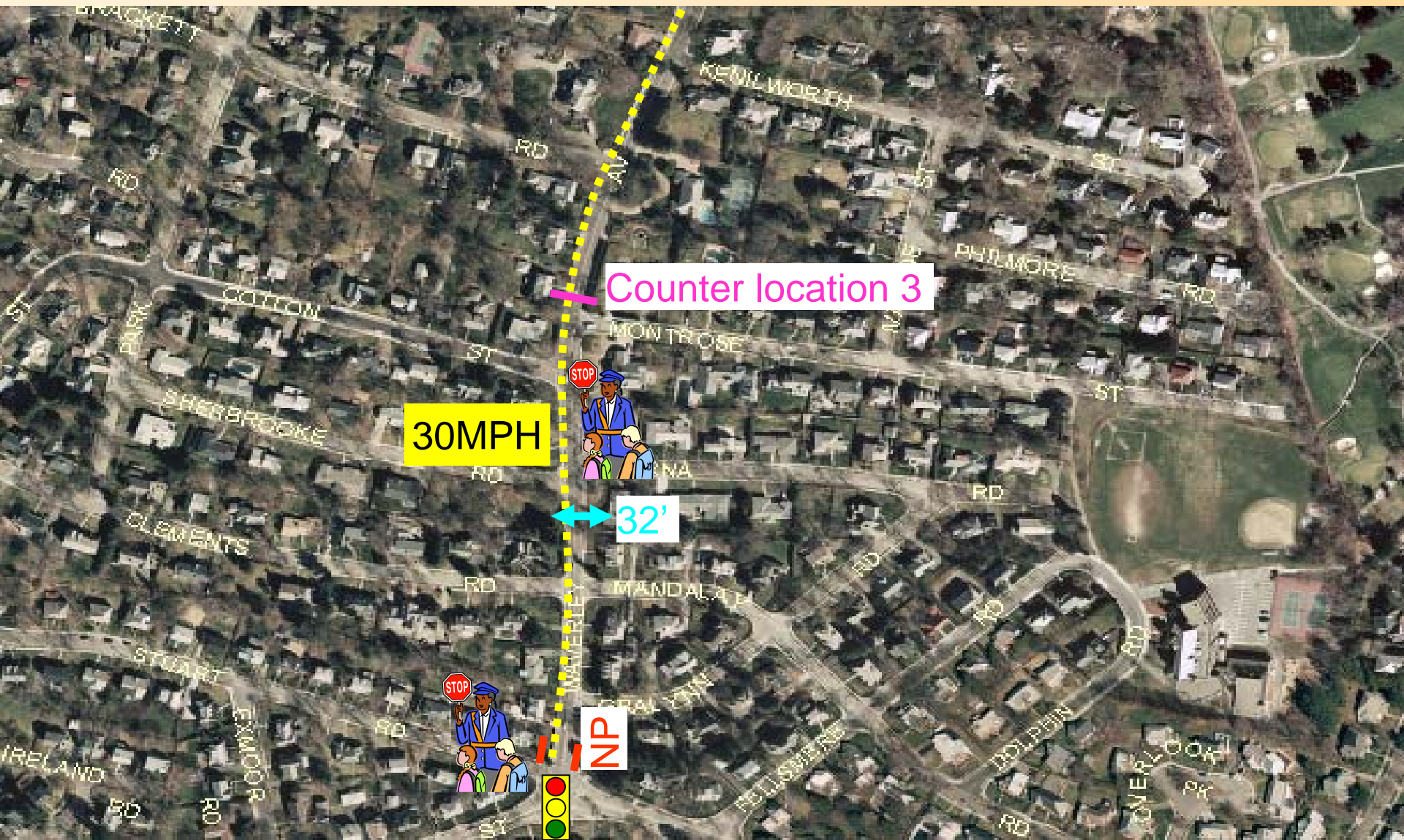
Waverley Ave (2/4)



Waverley Ave (3/4)



Waverley Ave (4/4)



Study Results

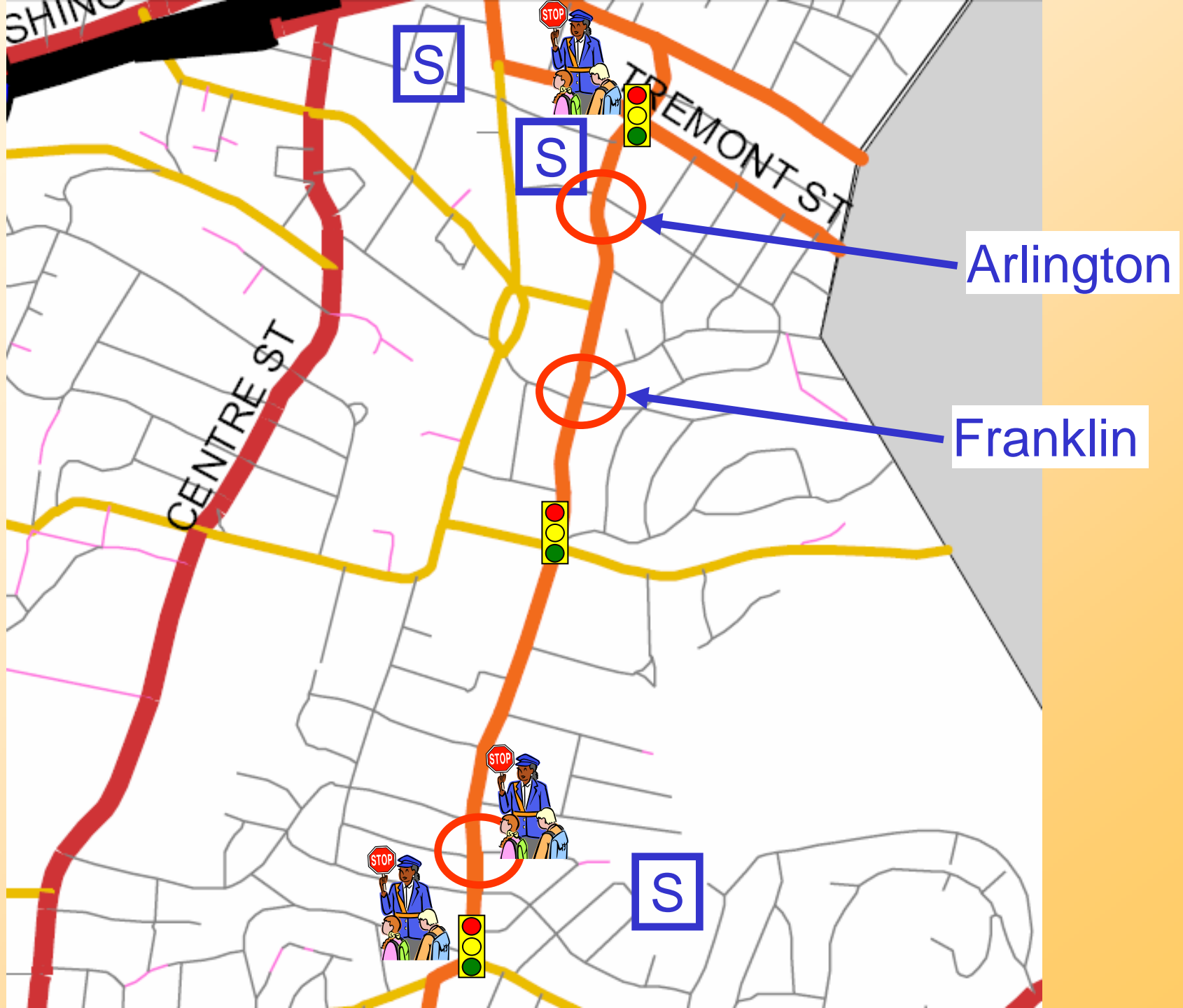
Waverley Ave	85th percentile speed (speed limit)	Daily volume
Location 1 Near # 106 Waverley Ave.	35 mph (25 mph)	8,800
Location 2 Near # 310 Waverley Ave.	42 mph (30 mph)	10,550
Location 3 Near # 391 Waverley Ave.	35 mph (30mph)	10,800

Police record: 4 accidents in the past 5 yrs

Road Class= Major Collector (5,000 to 10,000 ADT)

Recommendations

- Location exceeds daily traffic for raised devices (8,000 cars/day)
- Speed limit change would not be effective, nor approved by State
- Targeted speed enforcement is needed
- Convert flashing beacon at Franklin St to pedestrian activated warning light
- Add new pedestrian-activated warning light at Arlington St
- Add edge line striping to define 11 foot travel lane on each direction (5' shoulder)



2. Request to reinstate an HP space on Albemarle road

TC12-08 (HP16.2)

3. Request to add more HP spaces on Albemarle Road in front of the Gazebo

TC13-08 (HP16.3)

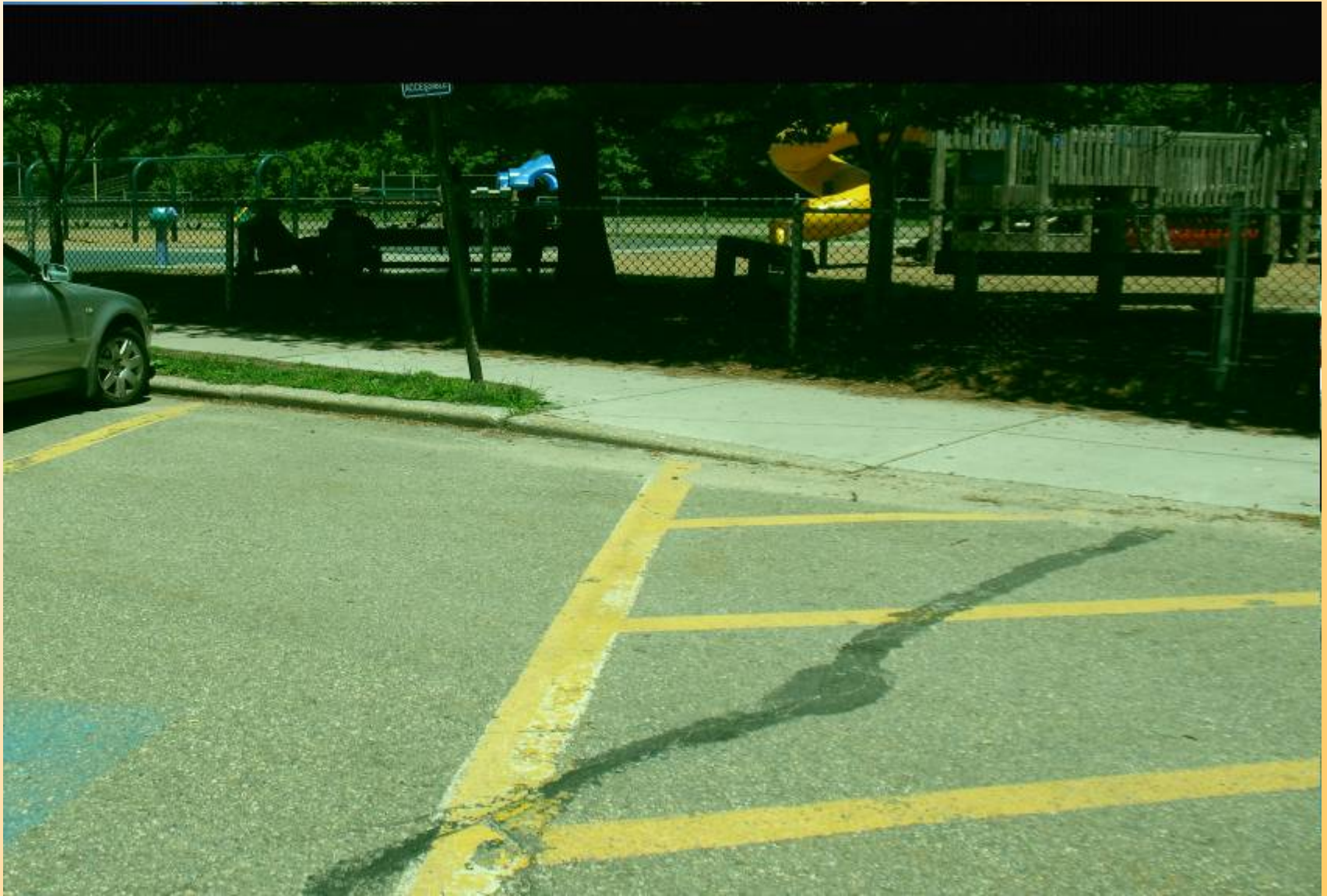
Albemarle Rd at Horace Mann



(1) HP space in front of school



(1)HP space in front of Playground



(1) HP space in front of playground walkway



HP space parking study

Time and Date	Number of cars (3 spaces in total)
5/28/08 7:40AM	0
5/29/08 8:30AM	0
5/30/08 9:40AM	1
6/3/08 10:30AM	0
6/9/08 7:10AM	0
6/9/08 11:45AM	0
6/11/08 1:00PM	0
6/12/08 12:00PM	0
6/13/08 10:00AM	0
6/16/08 7:10AM	0
6/19/08 1:30PM	0

Observations and Conclusions

- HP spaces are not occupied on a regular basis
- The spaces are located nearest curb cuts
- Four spaces in immediate area (including one in parking lot) are sufficient

4. Request modifications of NNHS parking during the months of Dec. - March

TC27-08

Limit of parking to one side of certain
streets during school construction

NNHS Permits



Observations and Conclusions

- Overall, the process of relocating 550 vehicles onto neighborhood streets has been highly successful and has resulted in a fair balance between the school & neighbors
- Isolated “hardship” cases have been addressed as they arise
- Information sharing at Liaison Committee has led to:
 - Added streetlights on Elm Road
 - Crosswalk at Lowell Ave/Elm Road
 - Modifications to permit locations
- Additional temporary restrictions have been implemented for special events (e.g., theatre, back to school night)
- Snow storm procedures have been modified
- The relocation of some Community Ed classes to Newton South has reduced weeknight parking demand

5. Request No left turns on
Beacon Street at Beethoven St
during school pick up/drop off

TC 38-08

Beacon and Beethoven/Evelyn



Facing Beacon St westbound



Beethoven Ave at Beacon St



Facing Beacon Street eastbound



Traffic Counts

- Date and Time : 6/12/08 Wednesday
8AM-9AM
- Left turn on Beacon St WB = 18 veh/hr
- Pedestrian crossing Beacon St = 216 /hr
- Also, 18 left-turning cars 8AM-9AM
counted in Feb 2006

Observations and Conclusions

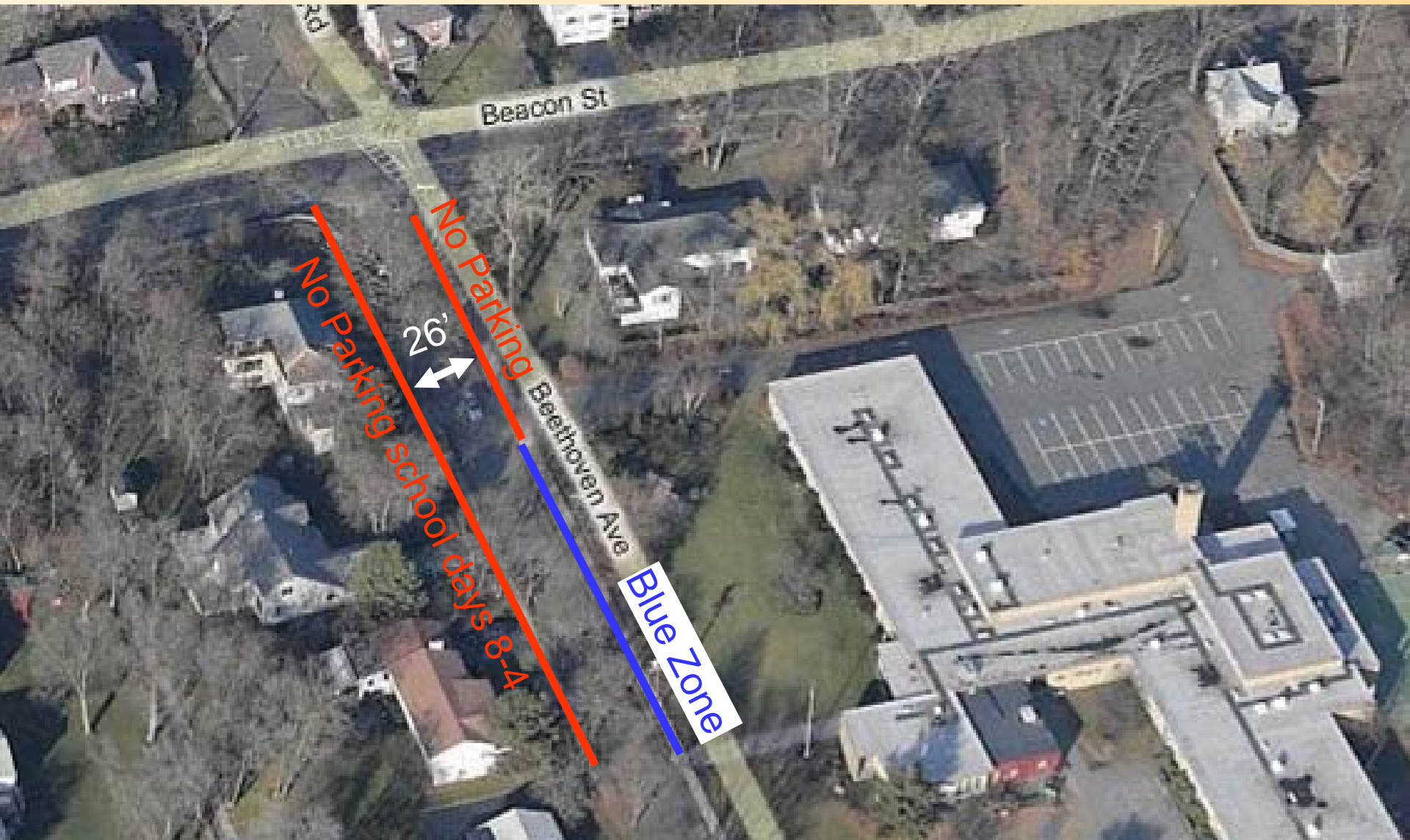
- Left-turn volume on Beacon Street westbound is very low
- All left-turn cars made the turn within one traffic signal cycle
- Heavy pedestrian crossings at the locations during school drop off/pick up time
- Vehicle traffic delays at the location were caused by high demand of pedestrian crossings
- Recommend no changes to left turn movement on Beacon Street westbound at Beethoven Ave

6. Request to extend or move the blue zone in front of Zervas School

TC 39-08

Public safety issues

Beethoven Ave (1) near Beacon St



Beethoven Ave beyond school property



Beethoven Ave in front of school (blue zone)



Beethoven Ave in front of school beyond blue zone



Beethoven Ave beyond school property



Beethoven Ave near Puritan Rd



Observations and Conclusions

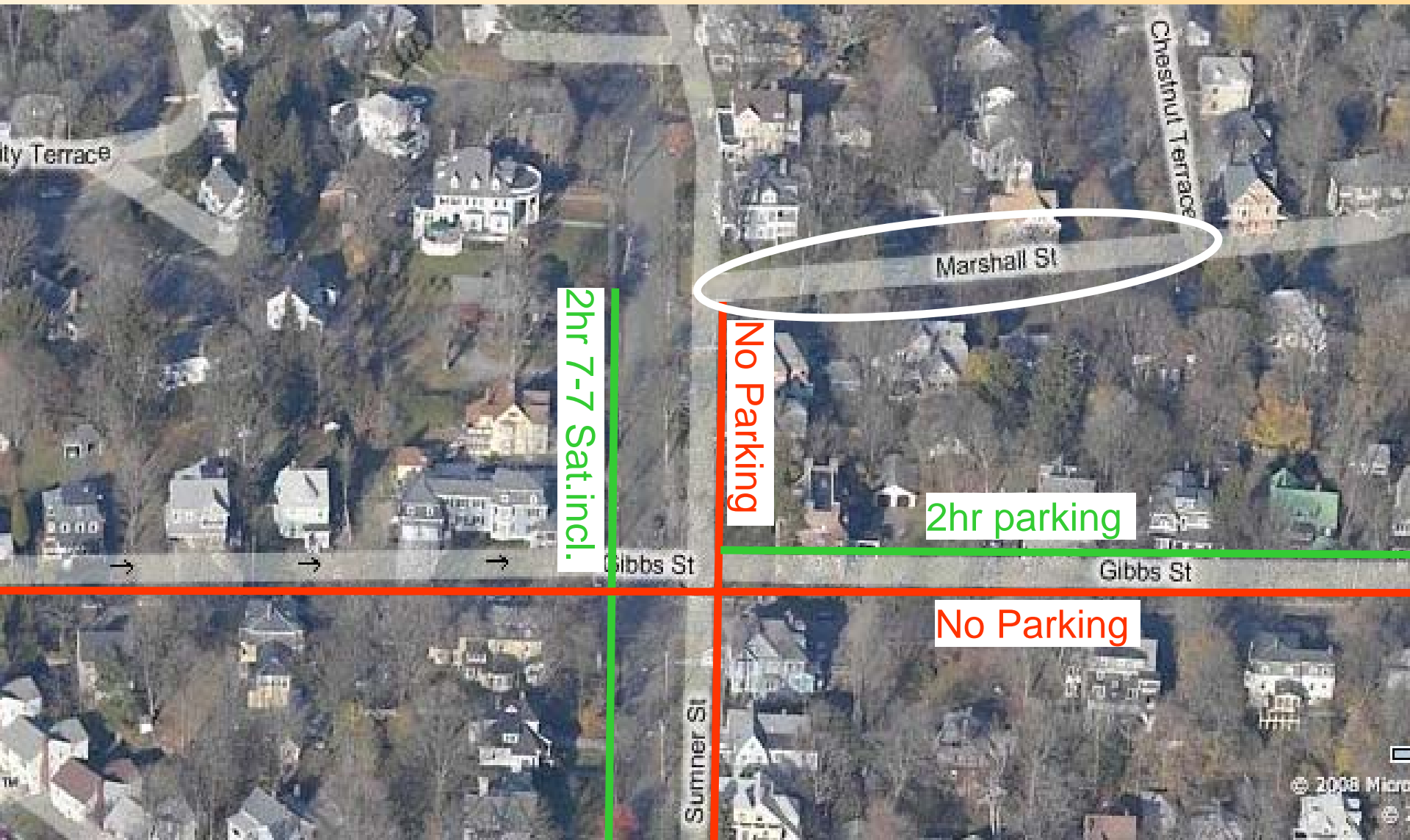
- Observations based on four different site visits
- Less than 30% of cars used the blue zone, most crowd into first few spaces
- Most of cars parked on the section of the street beyond blue zone
- Occasionally, cars stop on the west side of the street and block two-way traffic
- At peak time, cars parked on east side extend to Puritan Rd

7. Request a discussion on
parking at the corner of Marshall
St and Sumner St

TC 30-08

Parking safety issues

Sumner Street and Marshall St



Marshall Street near Sumner St



24'

Sumner Street facing south



Sumner Street facing north



Marshall St Parking Study

Date and Time	North Side	South Side
5/30/08 9:00AM	6	0
6/3/08 8:00AM	7	3
6/9/08 7:30AM	8	2
6/11/08 11:00AM	9	3
6/12/08 1:00PM	7	2
6/13/08 9:30PM	9	3

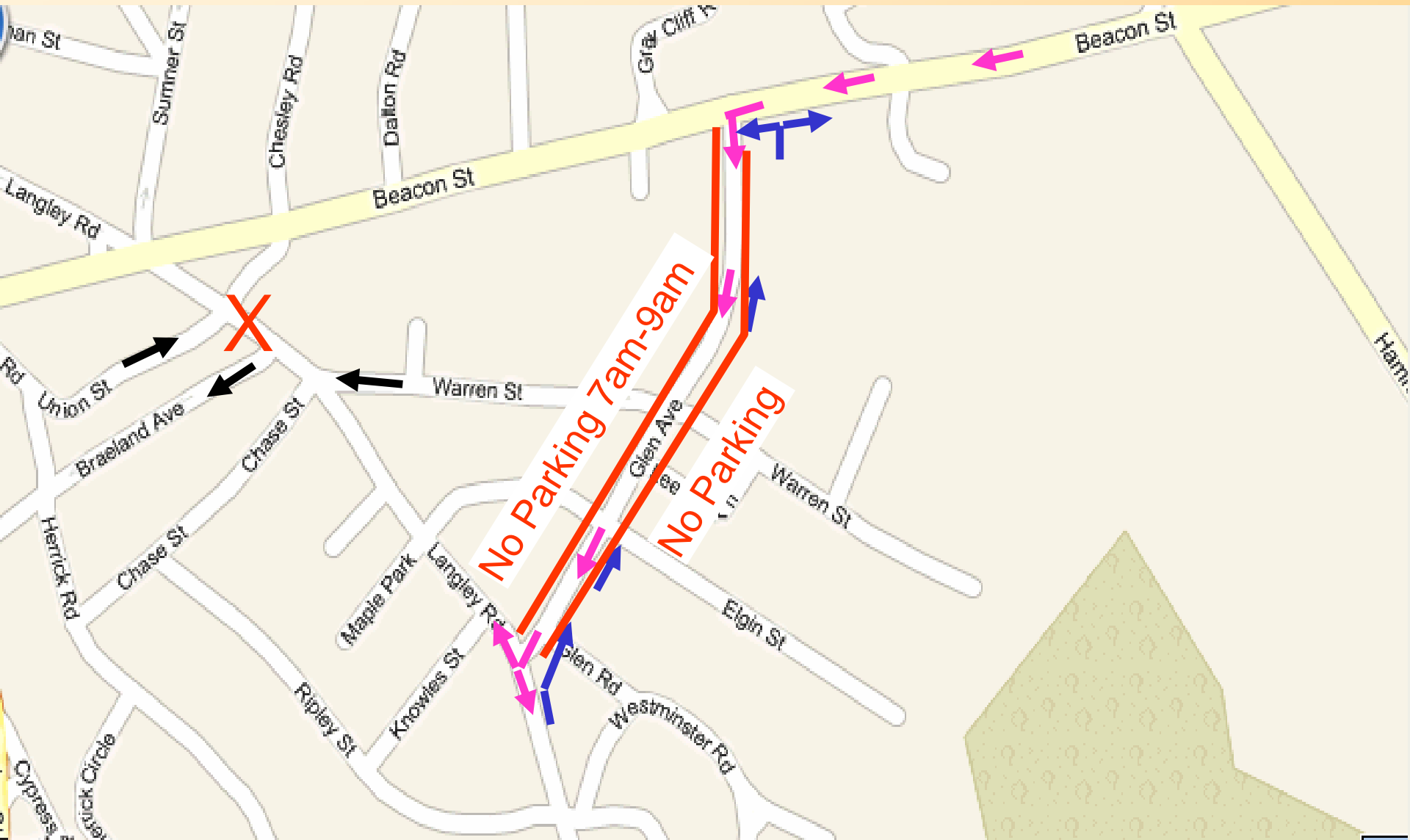
Observations and Conclusions

- Most area streets have parking restrictions
- Cars parked on Marshall Street for more than 4 hours
- It appears commuters use Marshall Street for all-day parking
- Recommended parking restrictions to match area streets (one side No Parking and the other side with 2 hour limit)

8. Request a discussion on
temporary traffic calming on Glen
Ave during Langley bridge
construction

TC 44-08

Glen Avenue



Glen Ave at Langley Rd



Glen Ave near Elgin St



Glen Ave near Leeson La



Glen Ave near Warren St



Glen Ave near Beacon St



Traffic counts comparison

Date	85%th Speed		Ave. Daily Volume	
	NB	SB	NB	SB
4/8/08 Before	31 mph	34 mph	800	980
6/4/08 After	30 mph	30 mph	1200	2120

Observations and Conclusions

- Limited on-street parking
- Daily traffic volume has increased from 1,800 cars per day to 3,300 cars per day
- An average speed increase was not observed
- Given the temporary nature of situation, there are limited capital improvements that would be cost-effective